

What is Claimed:

1. A method for building an extensible project system comprising:
providing a base project object comprising data for creating a project system;
providing at least one flavor object comprising data for modifying said project system for a specific purpose;
creating a flavored project system adapted for said specific purpose by object aggregation using said base project object as a participating object and one of said at least one flavor objects as a controlling object.
2. The method of claim 1, where said at least one flavor object comprises at least a first flavor object and a second flavor object, and where said step of creating a flavored project system comprises:
creating an intermediary object by aggregating said first flavor object as a controlling object and said base project object as a participating object; and
creating a flavored project system by using said second flavor object as a controlling object and said intermediary object as a participating object.
3. The method of claim 1 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be modified by said flavor object.
4. The method of claim 3 where said step of creating a flavored project system comprises allowing a value for at least one property stored in said at least one interface of said base project to be modified by a value for said at least one property stored in an interface of said flavor object.
5. The method of claim 1 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be replaced by said flavor object.
6. The method of claim 1, said creating a flavored project system comprising:
providing a first delegate object associated with said base project object; and

providing a second delegate object associated with one of said at least one flavor objects, where said second delegate object extends the functionality of said first delegate object.

7. The method of claim 6, where said second delegate object includes an extender interface, said creation of a project system further comprising:

providing an extender site object associated with said extender interface.

8. A system for building an extensible project system comprising:
a base project object comprising data for creating a project system;
at least one flavor object comprising data for modifying said project system for a specific purpose;

an aggregator for creating a flavored project system for said specific purpose by object aggregation using said base project object as a participating object and one of said at least one flavor objects as a controlling object.

9. The system of claim 8, where said at least one flavor object comprises at least a first flavor object and a second flavor object, and where said aggregator further comprises:

a first aggregator for creating an intermediary object by aggregating said first flavor object as a controlling object and said base project object as a participating object; and

a second aggregator for creating a flavored project system by using said second flavor object as a controlling object and said intermediary object as a participating object.

10. The system of claim 8 where said aggregator causes at least one interface of said base project to be modified by said flavor object.

11. The system of claim 10 where said aggregator causes a value for at least one property stored in said at least one interface of said base project to be modified by a value for said at least one property stored in an interface of said flavor object.

12. The system of claim 8 where said aggregator causes at least one interface of said base project to be replaced by said flavor object.

13. The system of claim 8, said project system comprising:
 - a first delegate object associated with said base project object; and
 - a second delegate object associated with one of said at least one flavor objects, where said second delegate object extends the functionality of said first delegate object.
14. The system of claim 13, where said second delegate object includes an extender interface, said project system further comprising:
 - an extender site object associated with said extender interface.
15. A computer-readable medium for building an extensible project system, said computer readable-medium storing instructions for causing a computer to perform the steps of comprising:
 - providing a base project object comprising data for creating a project system;
 - providing at least one flavor object comprising data for modifying said project system for a specific purpose;
 - creating a flavored project system for said specific purpose by object aggregation using said base project object as a participating object and one of said at least one flavor objects as a controlling object.
16. The computer-readable medium of claim 15, where said at least one flavor object comprises at least a first flavor object and a second flavor object, and where said step of creating a flavored project system comprises:
 - creating an intermediary object by aggregating said first flavor object as a controlling object and said base project object as a participating object; and
 - creating a flavored project system by using said second flavor object as a controlling object and said intermediary object as a participating object.
17. The computer-readable medium of claim 15 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be modified by said flavor object.
18. The computer-readable medium of claim 17 where said step of creating a flavored project system comprises allowing a value for at least one property stored in said at least one interface of

said base project to be modified by a value for said at least one property stored in an interface of said flavor object.

19. The computer-readable medium of claim 15 where said step of creating a flavored project system comprises allowing at least one interface of said base project to be replaced by said flavor object.

20. The computer-readable medium of claim 15, said creating a project system by object aggregation using said base project object as a participating object and one of said at least one flavor objects as a controlling object comprising:

providing a first delegate object associated with said base project object; and

providing a second delegate object associated with one of said at least one flavor objects,

where said second delegate object extends the functionality of said first delegate object.

21. The computer-readable medium of claim 20, where said second delegate object includes an extender interface, said creation of a project system further comprising:

providing an extender site object associated with said extender interface.